

ABSTRACT

In a security engine management apparatus in network nodes, a security instruction and library subsystem
5 processes every application program and utility. A policy decision subsystem determines a filtering policy, an intrusion detection policy and an access control policy. An authentication and access control subsystem blocks an unauthorized user to access to a system and allows an
10 authorized user to access thereto according to the access control policy. A policy application subsystem applies the policies. A packet filtering subsystem receives an allowed packet and denies a disallowed packet according to the filtering policy. An intrusion analysis and audit trail
15 subsystem analyzes the intrusion according to the intrusion detection policy. A security management subsystem manages a security engine.